P. ENT COOPERATION TREATY

DOCKETED

To: JOHN M. SHEEHAN FMC CORPORATION 1735 MARKET STREET PHILADELPHIA, PA 19103 RECEIVED	PCT WRITTEN OPINION (PCT Rule 66)
	Date of Mailing (day/month/year) 14 MAY 2004
Applicant's or agent's file reference	REPLY DUE within 2 months/days from the above date of mailing
1	
60285-PCT2 International application No. International filing date	(auty) movement
25 June 2003 (25.06.20)	26 June 2002 (26.06.2002)
PCT/US03/20107 International Patent Classification (IPC) or both national classification	tion and IPC
IPC(7): C02F 1/72 and US Cl.: 210/759, 763, 766, 908; 405/128 Applicant	.75
FMC CORPORATION	
IV Lack of unity of invention V Reasoned statement under Rule 66.2 (a)(i. citations and explanations supporting such VI Certain documents cited VII Certain defects in the international applications of the international certain observations on the international	to novelty, inventive step and industrial applicability i) with regard to novelty, inventive step or industrial applicability; a statement ation application
	The applicant may, before the expiration of that the same
For the form and the language of the	amendments, see Rules seed and
Also For an additional opportunity to sub For the examiner's obligation to constitution with	mit amendments, see Rule 66.4. sider amendments and/or arguments, see Rule 66.4 bis. the examiner, see Rule 66.6
If no reply is filed, the international preliminary ex	camination report will be established on the basis of this opinion.
 The final date by which the international preliminal examination report must be established according to 	ry o Rule 69.2 is: <u>26 October 2004 (26.10.2004)</u> .
Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450	Authorized officer Frank M. Lawrence Telephone No. 571-272-0987

Facsimile No. (703) 305-3230

Form PCT/IPEA/408 (cover sheet)(July 1998)

WRITTEN (UPINION
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nternational ar-vication No.	
PCT/US03/2010/	

I. Ba	sis of the opinion
1. Wit	th regard to the elements of the international application:*
ī	the international application as originally filed
K	Abordescription:
	- ac Originally IIICu
	pages NONE, filed with the letter of
	pages Morra
12	the claims:
12	pages 15-17 as originally filed (together with any statement) under Article 19
	pages NONE, as amended (together the page)
	pages NONE , filed with the demand
	pages NONE , filed with the letter of
	7
	the drawings: pages 1-5 as originally filed
	pages NONE, filed with the definant pages NONE, filed with the letter of
1	
1 (the sequence listing part of the description:
\ '	AS OFIGINALLY FILED
1	
	pages NONE, filed with the letter of pages NONE, filed with the letter of
2.	With regard to the language, all the elements marked above were available of relative to the language, all the elements marked above were available of relative to the language in which the international application was filed, unless otherwise indicated under this item. Authority in the following language which is:
	These elements were available of furnished for the purposes of international search (under Rule23.1(b)). the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
	the language of a translation furnished for the purposes of Experience (under Dule 48 3(b)).
	the language of a translation of the international application (under Rule 48.3(b)). the language of publication of the international application (under Rule 48.3(b)).
1	the language of publication of the international application (under Rules the language of the translation furnished for the purposes of international preliminary examination (under Rules the language of the translation furnished for the purposes of international preliminary examination (under Rules
1	11 FE 2)
	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written
3.	With regard to any nucleonide and/or anniho actu sequence listing:
	opinion was drawn on the basis of the sequence listing:
1	contained in the international application in printed form.
1	filed together with the international application in computer readable form.
- }	furnished subsequently to this Authority in written form.
ł	furnished subsequently to this readable form.
1	furnished subsequently to this Authority in computer readable form. [Indicate the subsequently to this Authority in computer readable form.]
	furnished subsequently to this Authority in competer remains a furnished subsequently furnished written sequence listing does not go beyond the disclosure in the
1	Clad bee boon furniched
l	international application as filed has been furnished. The statement that the information recorded in computer readable form is identical to the written sequence listing
	has been furnished.
1	The amendments have resulted in the cancellation of:
\ \frac{\pi}{2}	
	the description, pages NONE
1	the claims, Nos. NONE
	the drawings, sheets/fig NONE
۔ ا	they have drown as if (some of) the amendments had not been made, since they have been considered to go
5	as find as indicated in the Supplemental box (Rule 70.5(7)).
	beyond the disclosure as filed, as indicated in the despression of the second to the receiving Office in response to an invitation under Article 14 are referred to in Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in
*	Replacement sheets which have been juitastica to the reserving and the reserving and the residence of the re
t	his opinion as "originally filed."

WRITTEN OPINION

International has a least on No. PCT/US03/20107

. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
STATEMENT			
	Claims	8-12, 22-26	YES
Novelty (N)	Claims	1-7, 13-21, 27-31	NO
			YES
Inventive Step (IS)		NONE 1-31	NU
	Claims	1-31	
7A	Claims	1-31	YES
Industrial Applicability (IA)	Claims	NONE	NO
Claims 1-3, 16, 17 and 27-30 lack novelty under FWATTS et al teach a method for the remediation of EDTA chelate or Fe(III) salt catalyst to remove peclaims 1, 3). Claims 8-12 and 22-26 lack an inventive step under the limitations of the claims except that the peroxy carbonate or bicarbonate is added in a preferred awould know to use any available combination of peased on the teaching of perfulfates of sodium in that will achieve a desired level of decontamination availability of the agents. Claims 1-31 meet the criteria set out in PCT Artican be made or used in industry.	er PCT Article gen compound mount as a pH persulfates that the patent, and on based on the cle 33(4), and th	33(3) as being obvious over NEWTO is a combination of di- and monoper modifier. It is submitted that one ha are known in the art to be capable of to use any well known agent for pH nature of the contaminants, process of	ON. NEWTON discloses all of sulfate, and that sodium ving ordinary skill in the art oxidizing contaminants in so adjustment at preferred levels conditions, and cost and

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TIME LIMIT: The time limit set for response to a Written Opinion may not be extended. 37 CFR 1.484(d). Any response received after the Expiration of the time limit set in the Written Opinion will not be considered in preparing the International Preliminary Examination Report.		